Miller

Fluid Heads
Camera Support
Equipment
for Film
and Television

MILLER
VISCOSITY DRAG

Index

Profile 2

Complete Camera Support Systems . . 3

Miller 20 Fluid Head 4

Miller 30/50 Fluid Heads 5

Miller 80 Fluid Head 6

Fluid Pan and Tilt Heads 7

Tripods 9

Accessories 11

Product and Application Guide 14

Profile

Before Miller introduced the world's first patented fluid tripod head system in 1954, the only way to pan and/or tilt motion picture cameras smoothly involved bulky and expensive gear-driven assemblies – or recourse to one of the various flywheel, or gyroscopic, solutions which were almost equally as heavy as the geared heads and inherently far less robust. These had the additional drawback of being difficult to bring to a complete stop, once set in motion.

The Miller fluid head principle, Viscosity Drag, is the basis of the legendary "F", "LP" and "VG–50" Miller products. In brief, it entails the use of drum components submerged in a special fluid compound in both pan and tilt axes, adjustability of tension being achieved by integrating variable plungers within the drum assemblies. In practice, Miller fluid systems distinguish themselves from virtually all latecomers to the market in terms of quality, minimal maintenance requirements, reliability and value.

Miller earned its worldwide reputation in the demanding field of 16mm film, for which the "F" and "LP" fluid heads were immediately suited, throughout the 1950's, 60's and the 70's when broadcast standard portable video emerged as a viable production medium. Besides continuously modernising components and features on the traditional line of products, Miller began evolving a new product series to specifically address the needs of broadcast and industrial video field production.

Ideally, a tripod is a passive item of equipment, as portable as possible for easy transport but static when in use. When the camera operator wishes to pan or tilt, or both, the fluid tripod head enables the desired move parameters – and stops when supposed to. There should be no joggle between pan and tilt axes and no rumble along the way. Interference of this kind can spoil the most carefully crafted shot. Unsteadiness caused by inferior tripod quality is particularly annoying on telephoto shots, or just at the start or finish of an otherwise well-executed camera move. The viewer should never "see" the tripod in any shot that's worth watching.

It also makes the task of editing much easier and reduces downtime, not to have to "cut around" unnecessary imperfections in what is meant to be presentation footage. It makes sense to get a good tripod you can rely on, and make full use of it.

The new Miller 20, 30, 50 and 80 series fluid heads, designed for camera payloads between 9kg (20lbs) and 35kg (80lbs), feature preset tension combinations in both pan and tilt axes with integrated adjustable counterbalancing. These heads are ideal for modern broadcast-standard, educational, and industrial video field production, particularly since today's cameras may be equipped with variable configurations of on-board monitors, lens-servo controls, camcorder units and variable battery-pack or CCU interface assemblies.

The Miller 20–80 series fluid heads are engineering masterpieces, built to operate smoothly even under extreme or offset payloads. They are engineered to exceptionally fine tolerances and their mechanisms are protected effectively against ambient moisture and dust particles. Performance is linear under even the most extreme weather or atmospheric fluctuations and maintenance requirements are reduced to absolute minimum. This is just one of the many ways in which Miller products excel in design, performance and durability.

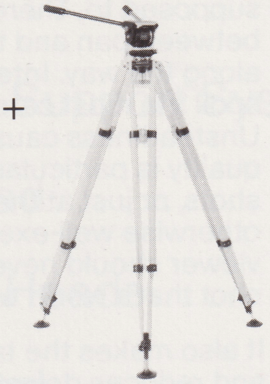
MILLER

VISCOSITY DRAG

Complete Camera Support Systems

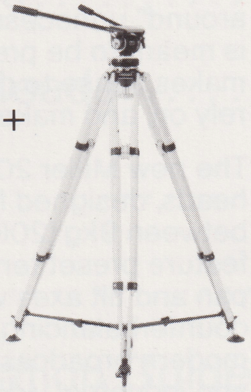
335 System 15

for cameras up to 9kg (20lb)
includes Senior F +
Professional Series tripod +
Claw ball +
Rubber feet +
Pan handles



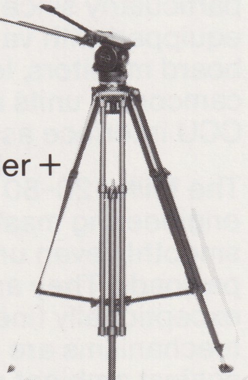
341 System 25

for cameras up to 15kg (30lb)
includes Light Professional +
Professional Series tripod
with Spreader +
Claw ball +
Rubber feet +
Pan handles



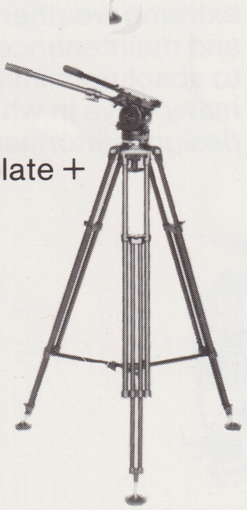
344 System 30

for cameras up to 15kg (30lb)
includes Miller 30 +
Compact tripod with Spreader +
Rubber feet +
Pan handles



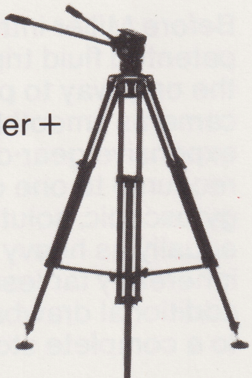
350 System 40

for cameras up to 25kg (50lb)
includes Miller 50 +
with Sliding/quick release plate +
Midi tripod with Spreader +
Rubber feet +
Telescopic handles



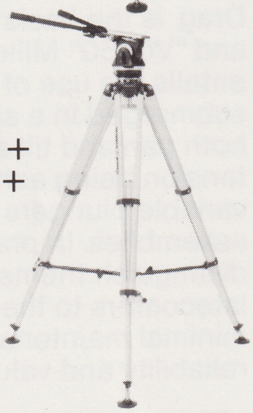
388 System 20

for cameras up to 9kg (20lb)
includes Miller 20 +
Compact tripod with Spreader +
Rubber feet +
Pan handles



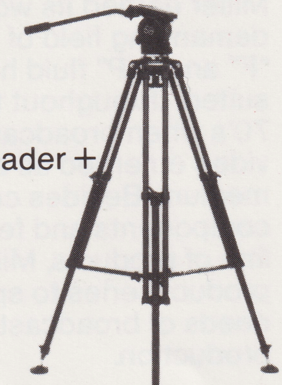
347 System 35

for cameras up to 25kg (50lb)
includes V.G. - 50 with
Sliding/quick release plate +
ENG Tripod with Spreader +
Claw ball +
Rubber feet +
Telescopic handles



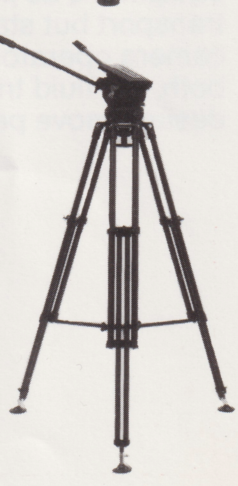
352 System 40 ENG

for cameras up to 15kg (30lb)
includes Miller 50 +
Compact tripod with Spreader +
Rubber feet +
Pan handle



355 System 80

for cameras up to 35kg (80lb)
includes Miller 80 +
Maxi tripod with Spreader +
Rubber feet +
Telescopic handles



Miller 20 Fluid Head

The Miller 20 fluid head is ideal for the new generation of lightweight professional video cameras, including CCD-based camera assemblies, for use in broadcast, educational and industrial applications.

As modern cameras become smaller and lighter precise pan and tilt movements are critical to produce professional quality pictures.

The Miller 20 features a new variable fluid system that ensures consistently smooth pan and tilt actions under all conditions. The fluid damping system is leak-proof and designed to remain consistent in temperatures between −40°C to +65°C.

The Miller 20 incorporates a counterbalance system integrated with a sliding, quick release camera platform that allows cameras to be balanced throughout the tilt range. The system may be reset, via the camera platform, quickly with changes in camera configuration.

Additional features include positive, independent pan and tilt locks, dual handle carriers that allow pan handles to be locked at any angle, bubble level and integrated 75mm claw ball level for quick levelling. The Miller 20 may also be adapted to flat base configurations using Cat. 361 adaptor.

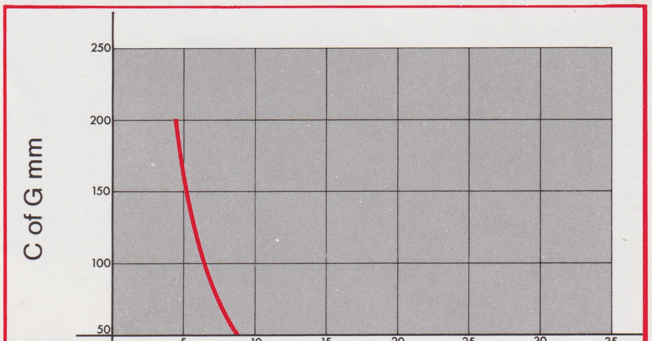
TENSION
MILLER 20
TENSION
MILLER
CAMERA SUPPORT EQUIPMENT

104 Miller 20
– for cameras up to 9kg (20lbs)

SPECIFICATIONS

Camera Capacity	*9kg (20lbs)*
Weight	*1.9kg (4lbs 4 oz)*
Tilt	*±90°*
Pan	*360°*
Tilt/Pan Drag	*Full fluid system-variable*
Tilt/Pan Locks	*Built-in disc locks*
Counterbalancing	*Static system 9kg (20lbs) @ 50mm (2") C of G height*
Base	*75mm (3") claw-ball levelling/flat base optional*
Handle	*Left and Right hand positions, vertically and horizontally adjustable*
Camera Mounting	*Sliding platform plus quick release action*
Temperature Range	*−40°C to +65°C (−40°F to +140°F)*

Counterbalancing Performance



Miller 30/50 Fluid Heads

The Miller 30 and Miller 50 fluid heads are designed for cameras ranging from 16mm film, CCD-based camera assemblies to high quality 3-tube broadcast cameras.

These compact heads are built on an advanced concept fluid system that ensures consistently smooth repeatable pan and tilt actions. The pan and tilt axes can each be set in three ranges, light, medium and heavy, to provide the operator with their desired control in all operating environments.

As the leak-proof fluid damping system is independent of the weight load, starting resistance is avoided and stops are made smoothly at the end of camera movement. Drag remains consistent in temperature ranges −40°C to +65°C. Additionally, pan and tilt may be set in neutral (free-wheel) positions.

The Miller 30 and Miller 50 fluid heads incorporate a fully variable counterbalancing system that neutralises the effects of the camera's payload throughout the tilt range. When engaged the system is undetectable and the pan/tilt movements are identical. This system may also be reset in nine neutral positions to balance extreme offset payloads thus compensating for nose-or-tail heavy camera configurations.

Pan and tilt locks are independent of the fluid system and provide accurate, positive locking. These heads include bubble level, dual handle carriers and integrated 100mm claw ball level. They may also be adapted to flat base assemblies using Cat. 360 adaptor.

MILLER 30
MILLER

MILLER 50
MILLER

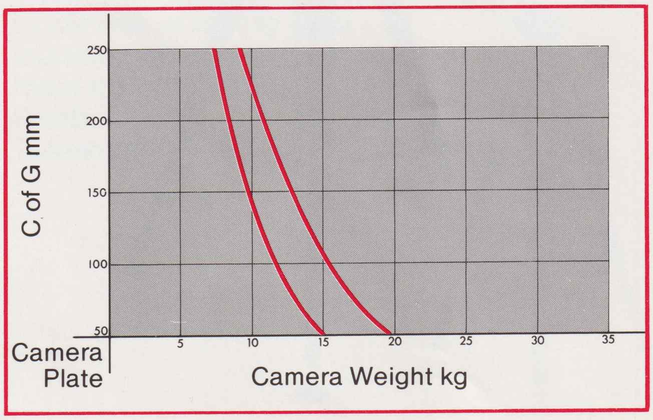
114 Miller 30 *with quick-release camera platform*
116 *with sliding, quick-release camera platform*
– for cameras up to 15kg (30lbs)

115 Miller 50 *with quick-release camera platform*
119 *with sliding, quick-release camera platform*
– for cameras up to 25kg (50lbs)

SPECIFICATIONS

Camera Capacity	*Miller 30 15kg (30lbs)* *Miller 50 25kg (50lbs)*
Weight	*3.6kg–4kg (8lbs–9lbs)*
Tilt	*±90°, Miller 50 ±60°*
Pan	*360°*
Tilt/Pan Drag	*3 pre-set positions plus "free-wheeling" position*
Counterbalancing	*Fully variable, see graph*
Base	*Built-in 100mm claw-ball with Pro Jr interface*
Handle	*Left and Right hand positions, vertically and horizontally adjustable*
Camera Platforms	*Built-in quick release, sliding optional*
Temperature Range	*−40°C to +65°C (−45°F to −140°F)*

Counterbalancing Performance



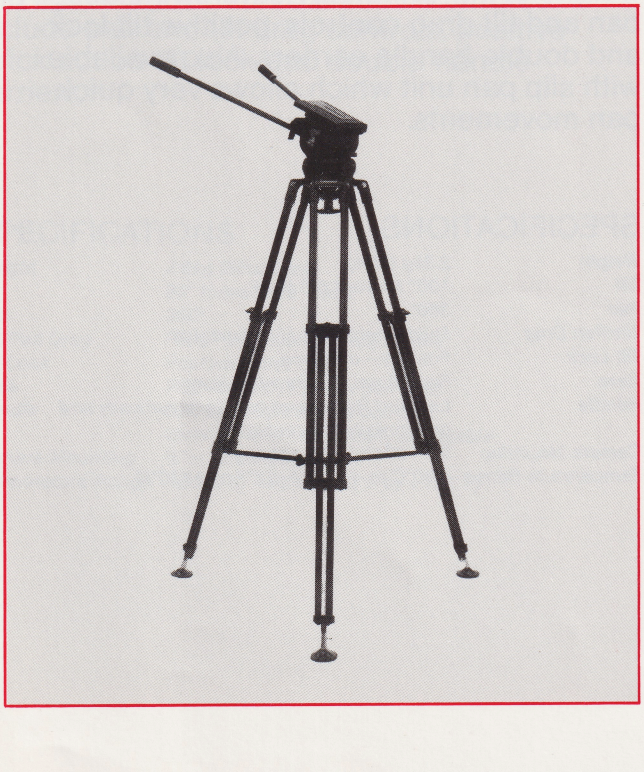
Miller 80 Fluid Head

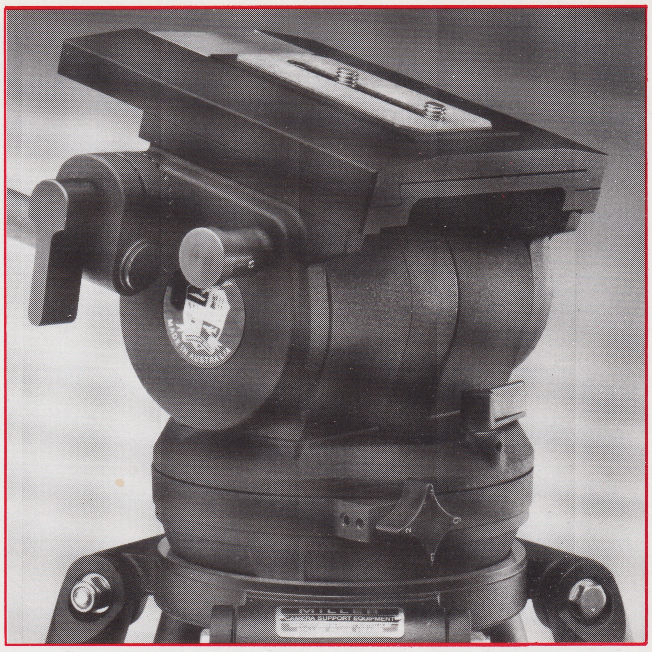
The Miller 80 provides true fluid head performance for EFP cameras, including heavy offset loads (camera-prompters, 40 x zoom lenses) and 35mm film cameras up to 35kg (80lbs).

The advanced concept fluid system has four preset fluid ranges in tilt and three plus neutral (free-wheel) in pan. By being independent of the camera's weight this leak-proof damping system provides smooth fluid action from start to stop of the camera movement and remains constant in temperature ranges between −40°C to +65°C.

The integrated dual counterbalance system enables either smaller cameras and large cameras to be perfectly balanced with finger-tip control through the tilt range. This system may be reset in multiple neutral positions and once set does not require adjusting when removing and remounting cameras. The sliding, quick release camera platform provides additional compensation for extreme offset payloads.

Standard features include independent pan and tilt locks, safety lock in tilt, bubble level, dual handle carriers and integrated 150mm claw ball level. The Miller 80 may also be adapted to flat base configurations using Cat 362 adaptor. Rigid distortion free, telescopic handle is provided standard.





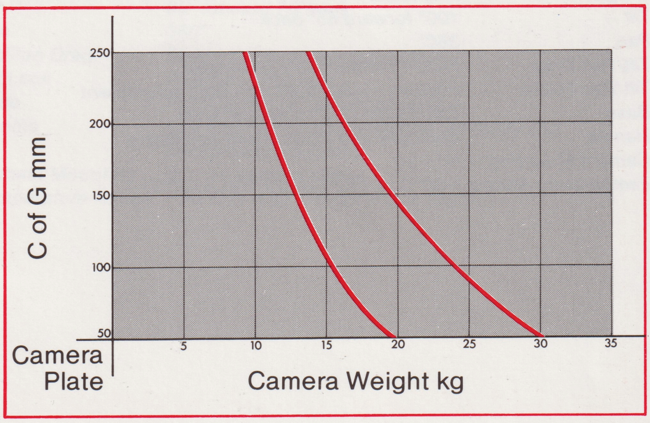
150 Miller 80

–for cameras up to 35kg (80lb)

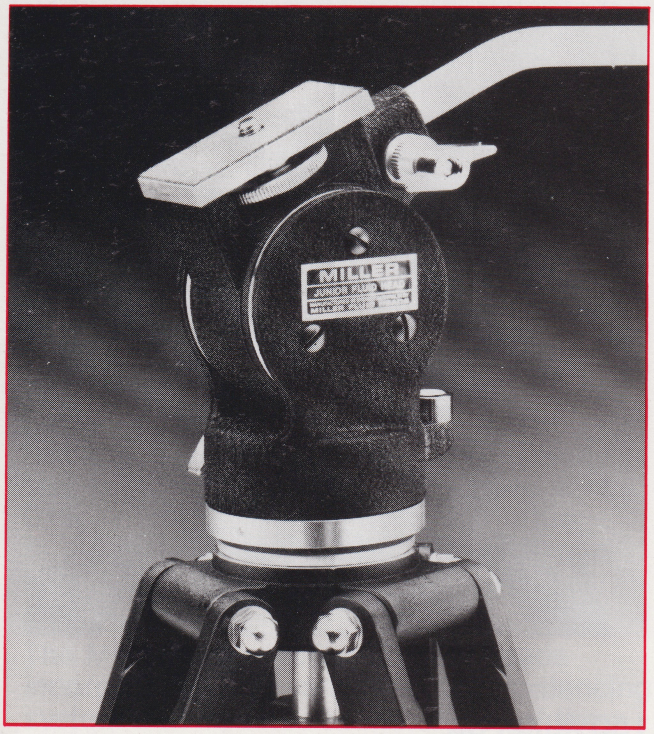
SPECIFICATIONS

Weight	*6kg (13lbs)*
Pan	*360°*
Tilt	*±60°*
Tilt Pan Drag	*Preset damping, full fluid system*
Tilt/Pan Locks	*Built-in disc locks*
Counterbalancing	*Dual system, see graph*
Base	*Built-in 150mm (6") claw-ball level*
Handle	*Left and Right hand positions, vertically and horizontally adjustable*
Camera Mounting	*±50mm sliding camera platform, with quick release*
Temperature Range	*−40°C to +65°C (−40°F to +140°F)*

Counterbalancing Performance



Fluid Pan and Tilt Heads

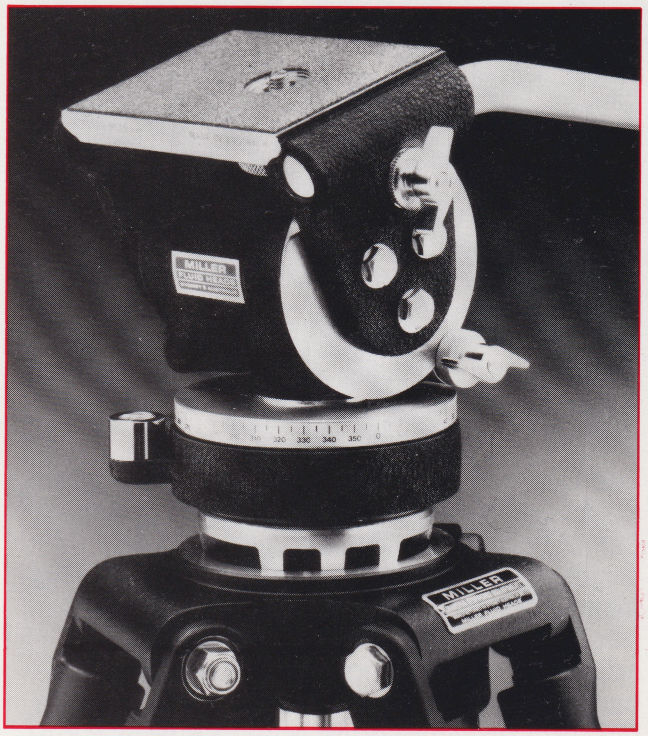


101 Junior
– for cameras up to 4.5kg (10lbs)

The perfect inexpensive answer to quality filmmaking for all lightweight video, still and Super 8 cameras. Smooth, easy pan and tilt movements operating fully on fluid drag plus professional features like bubble level, pan and tilt tension/lock controls and claw-ball levelling.

SPECIFICATIONS

Weight	*.9kg (2lbs)*
Tilt	*100° forward 65° back*
Pan	*360°*
Tilt/Pan Drag	*Fluid – continuously adjustable*
Tilt/Pan Locks	*Positive – integrated with drag adjustment*
Base	*Flat/55mm (2¼") claw-ball level*
Handle	*Vertically and Horizontally adjustable*
Camera Mounting	*¼" – 20*
Temperature Range	*–30°C to +52°C (–22°F to +120°F)*



102 Senior 'F'
– for cameras up to 9kg (20lbs)

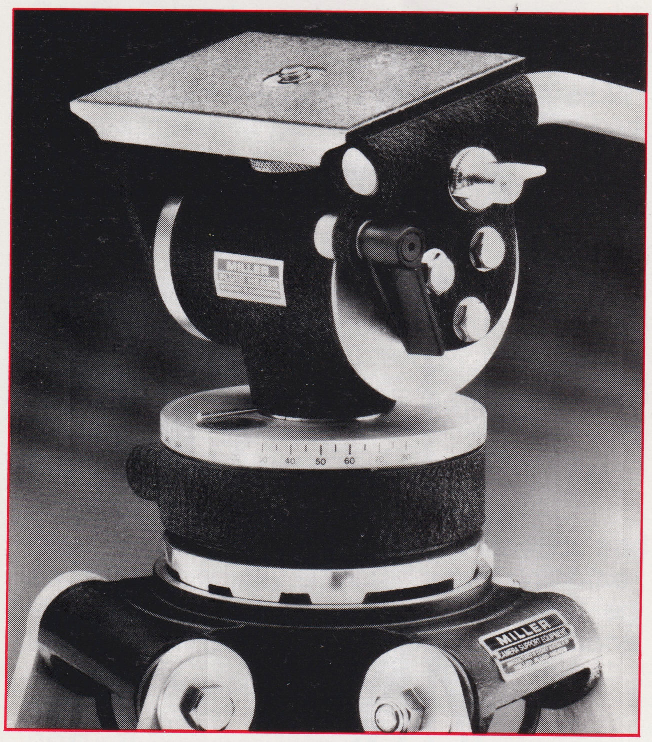
103 *with slip pan unit*

A small, lightweight fluid head for lightweight E.N.G. cameras. Features include pan and tilt drag controls, positive tilt lock and double handle carriers. Also available with slip pan unit which allows very quick pan movements.

SPECIFICATIONS

Weight	*2.3kg (5lbs)*
Tilt	*100° forward 80° back*
Pan	*360°*
Tilt/Pan Drag	*Fluid – continuously adjustable*
Tilt Lock	*Positive – disc type*
Base	*Flat/75mm (3") claw-ball level*
Handle	*Left and Right hand positions vertically and horizontally adjustable*
Camera Mounting	*¼" – 20 (⅜" – 16 optional)*
Temperature Range	*–30°C to +52°C (–22°F to +120°F)*

Fluid Pan and Tilt Heads



106 Light Professional

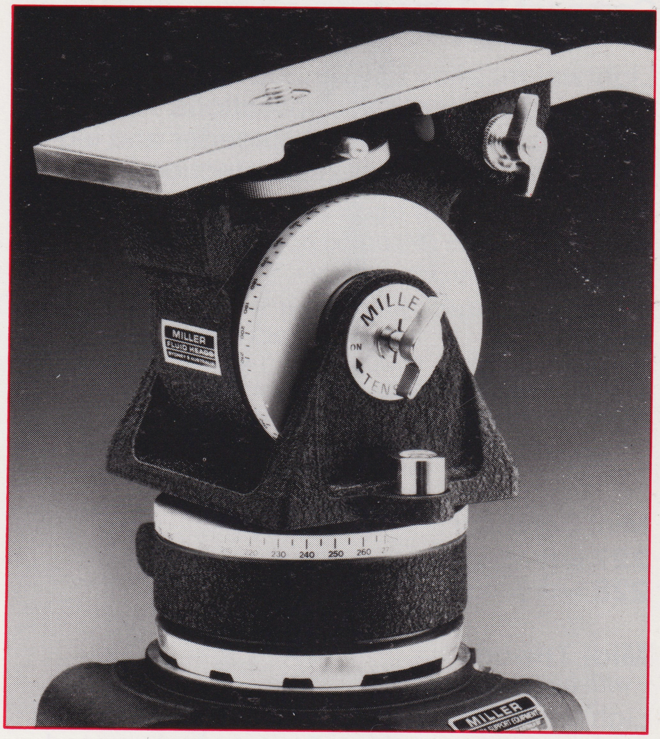
– for cameras up to 15kg (30lbs)

107 *with slip pan unit*

Lightweight fluid head for E.N.G. cameras and lightweight E.F.P. cameras. Features include pan and tilt drag controls, positive quick action tilt lock and double handle carriers.

SPECIFICATIONS

Weight	*2.6kg (5lbs 12oz)*
Tilt	*90° forward 85° back*
Pan	*360°*
Tilt/Pan Drag	*Fluid – continuously adjustable*
Tilt Lock	*Positive – disc type*
Base	*Flat/100mm (4") claw-ball level*
Handle	*Left and Right hand positions, vertically and horizontally adjustable*
Camera Mounting	*⅜" – 16 camera screw*
Temperature Range	*–30°C to +52°C (–22°F to +120°F)*



112 V.G. 50

– for cameras up to 25kg (50lbs)

113 *with slip pan unit*

117 *with quick-release camera plate*

118 *with sliding quick-release camera platform*

Especially designed for E.F.P. cameras, features include quick-action tilt lock, pan and tilt drag controls and a choice of three camera platforms. The sliding camera platform allows camera to be balanced after it is mounted or quickly rebalanced after changes in accessories or lenses.

SPECIFICATIONS

Weight	*3.2kg (7lbs 4oz)*
Tilt	*85° forward 70°back*
Pan	*360°*
Tilt/Pan Drag	*Fluid – continuously adjustable*
Tilt Lock	*Positive – disc type*
Base	*Flat/100mm (4") claw-ball level*
Handle	*Left and Right hand positions, vertically and horizontally adjustable*
Camera Mounting	*⅜" – 16 camera screw*
Temperature Range	*–30°C to +52°C (–22°F to +120°F)*

Tripods

Compact II Tripod

– with built-in spreader

Lightweight alloy ENG tripod for newsgathering and/or field applications. Features integrated above-ground spreader and leg locks with overtightening protection.

301 *with 75mm (3") tripod bowl*
302 *with 100mm (4") tripod bowl*
222 *with column lift elevator*

Camera Capacity	*15kg (30lbs)*
Weight	*3.6kg (8lb 4oz) with spreader*
Maximum height	*1330mm (53") with spreader*
Minimum height	*580mm (22") with spreader*
Suitable Heads	*Senior F #102, #103* *Light Professional #106, #107* *Miller 20 #104* *Miller 30 #114, #116*

Mini Compact

227 *with 75mm (3") tripod bowl*
228 *with 100mm (4") tripod bowl*

Midi Tripod

– with built-in spreader

Lightweight alloy ENG/EFP tripod with minimum flex quotient. Features integrated above-ground spreader and leg locks with overtightening protection.

285 *with 100mm (4") tripod bowl*
287 *with column lift elevator*

Camera Capacity	*25kg (50lbs)*
Weight	*4.6kg (10lb 3 oz) with spreader*
Maximum height	*1545mm (61") with spreader*
Minimum height	*715mm (28") with spreader*
Suitable Heads	*Light Professional #106, #107* *V.G. 50 #112, #113, #117, #118* *Miller 30 #114, #116* *Miller 50 #115, #119*

Mini Midi Tripod

286 *with 100mm (4") tripod bowl*

Maxi Tripod

– with built-in spreader

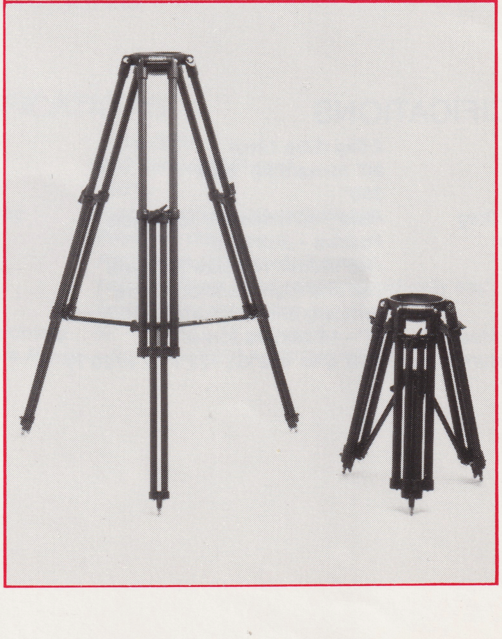
Heavy-duty alloy tripod for 35mm and EFP applications. Weight only 6kg (13lbs). Includes integrated above-ground spreader and leg locks with overtightening protection.

290 *with 150mm (6") tripod bowl*
292 *with flat base*

Camera Capacity	*45kg (100lbs)*
Weight	*5.9kg (13lbs 4oz)*
Maximum height	*1545mm (61") with spreader*
Minimum height	*730mm (29") with spreader*
Suitable Heads	*Miller 80 #150*

Mini Maxi Tripod

291 *with 150mm (6") tripod bowl*
293 *with flat base*



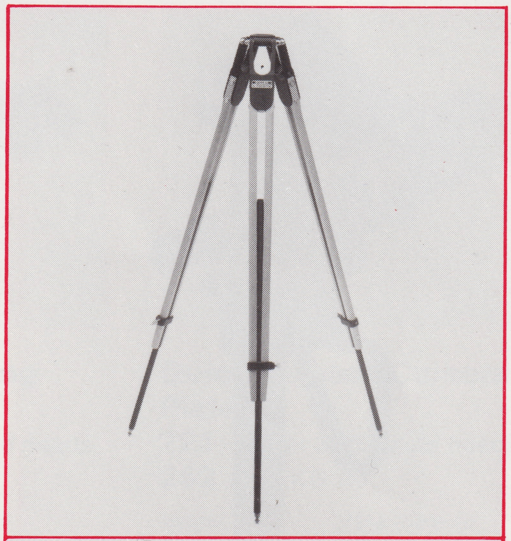
Tripods

Senior Tripod

Lightweight, rugged wood tripod with minimum flex quotient. Features reversible leg tips (spike or pad) available with flat base or ball levelling.

330 *with 55mm (2¼") tripod bowl*
202 *with flat base*

Camera Capacity	*9kg (20lbs)*
Weight	*3.2kg (7lbs 4oz)*
Maximum height	*1425mm (56")*
Minimum height	*645mm (25")*
Suitable Heads	*Junior #101* *Senior #102, #103*

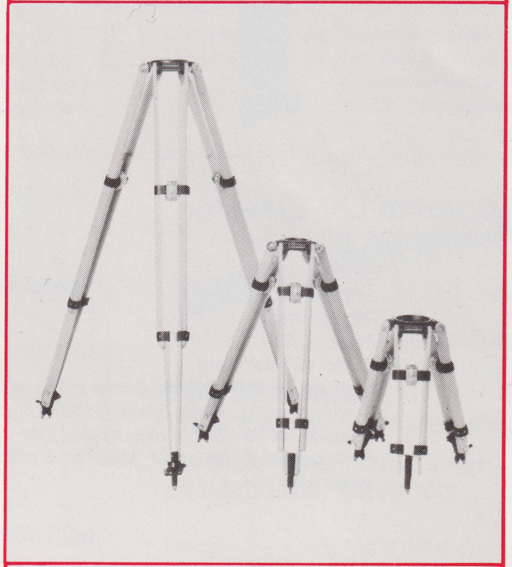


Professional Series Tripod

Rugged wood tripod ideal in harsh environments such as beaches, deserts and swamps. Specially selected wood combine strength and lightweight with traditional leg lock design. Spreaders available as options.

320 *with 75mm (3") tripod bowl*
321 *with 100mm (4") tripod bowl*
205 *with column lift elevator*

Camera Capacity	*15kg (30lbs)*
Weight	*4.4kg (9lbs 14oz)*
Maximum height	*1600mm (63")*
Minimum height	*840mm (33")*
Suitable Heads	*Senior F #102, #103* *Light Professional #106, #107* *V.G. 50 #112, #113, #117, #118* *Miller 20 #104* *Miller 30 #114, #116* *Miller 50 #115, #119*



Mini, Medium Professional Series

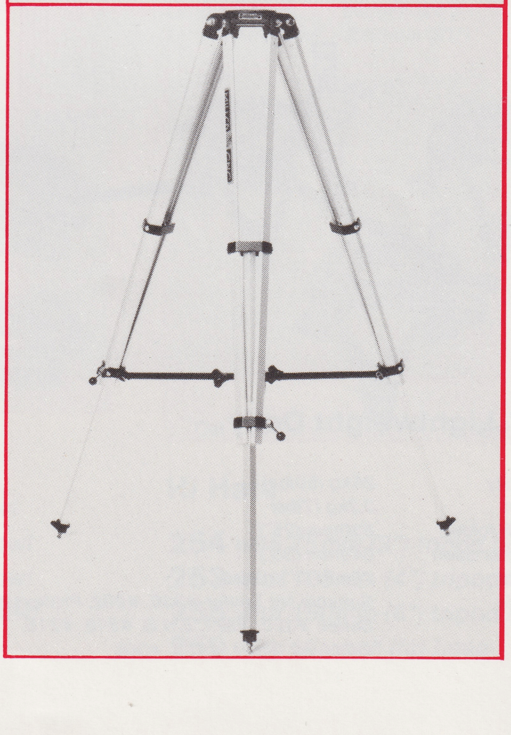
206 *Mini with 75mm (3") tripod bowl*
207 *Mini with 100mm (4") tripod bowl*
225 *Medium with 75mm (3") tripod bowl*
226 *Medium with 100mm (4") tripod bowl*

E.N.G. Tripod
– with built-in spreader

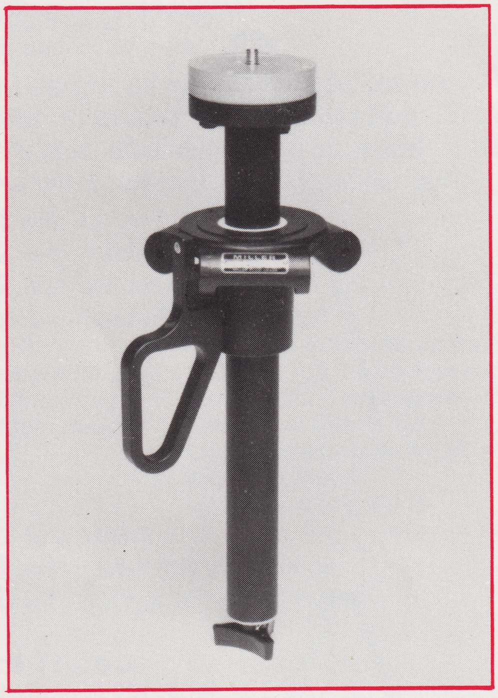
Rugged, angular alloy tripod ideal for field applications. Features include quick-action leg locks, integrated above-ground spreader.

310 *with 100mm (4") tripod bowl*
216 *with column lift elevator*

Camera Capacity	*25kg (50lbs)*
Weight	*4.8kg (11 lb) with spreader*
Maximum Height	*1455mm (57") with spreader*
Minimum Height	*695mm (27") with spreader*
Suitable Heads	*Light Professional #106, #107* *V.G. 50 #112, #113, #117, #118* *Miller 30 #114, #116* *Miller 50 #115, #119*



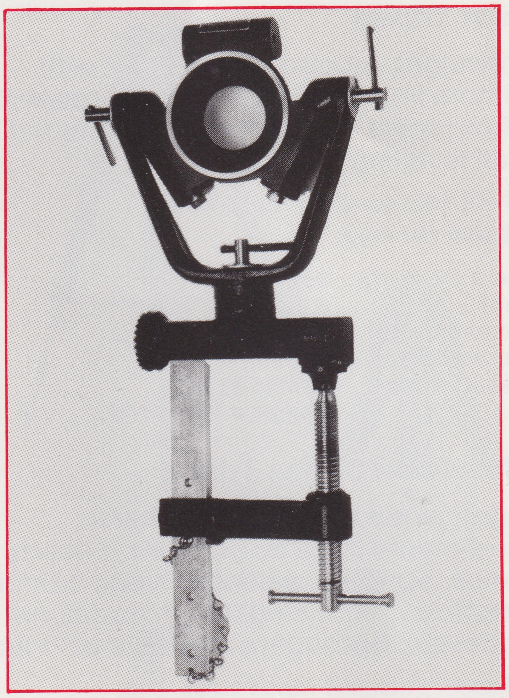
Accessories



217 Column Lift Elevator

– with built-in ball levelling

Capacity	*15kg (30lbs)*
Weight	*2kg (4½lbs)*
Extended height	*300mm (12")*
Base	*75mm (3") ball level*
Tripods	*Suitable for Professional Series #320, #321 Compact #301, #302, E.N.G. #310*
Heads	*Suitable for Senior F #102, #103, Light Professional #106, #107, Miller 20 #104, Miller 30 #114, #116*



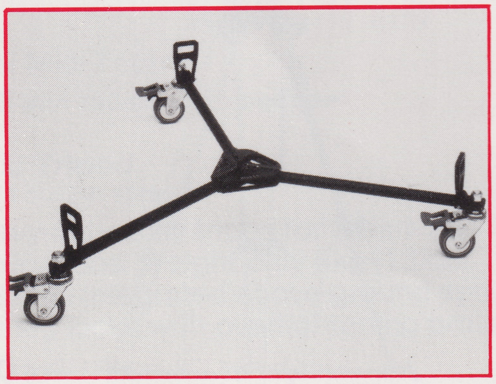
Millmount

– Special Application Clamp

Designed to mount cameras in difficult locations where tripods are impractable. Fits ideally to all types of surfaces.

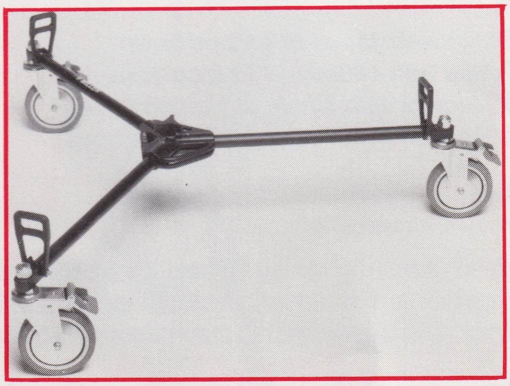
238 *with 75mm (3") tripod bowl*
229 *with 100mm (4") tripod bowl*
239 *with 150mm (6") tripod bowl*

Capacity	*15kg (30lbs)*
Weight	*3kg (6½lbs)*



367 Lightweight Dolly

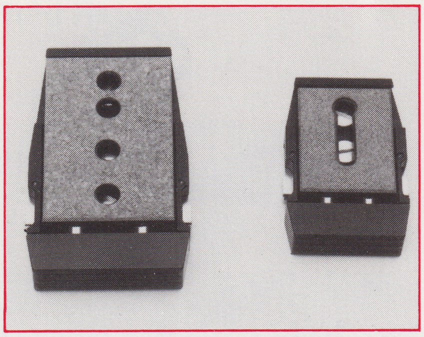
Capacity	*25kg (50lbs)*
Weight	*3.2kg (7lbs)*
Length folded	*630mm (25")*
Diameter open	*540mm (33")*
Wheels	*75mm (3") rubber*
Tripods	*Suitable for Senior #330, #202, Professional Series #320, #321, E.N.G. #310, #216, Compact #301, #222, #302*



365 Medium Duty Dolly

Capacity	*45kg (100lbs)*
Weight	*4.2kg (9½lbs)*
Length folded	*640mm (26")*
Diameter open	*540mm (33")*
Wheels	*125mm (5") rubber*
Tripods	*Suitable for Professional Series #321, Compact #302, E.N.G. #310, Midi #285, Maxi #290*

P0062

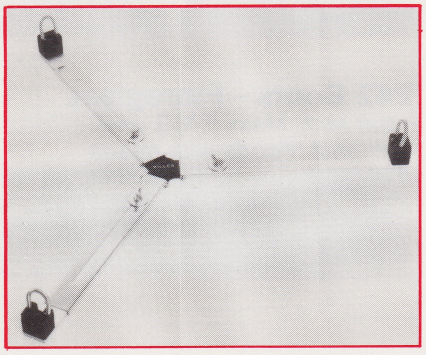


265 Quick Release Plate

– for Senior F, Light Professional fluid heads

266 Quick Release Plate

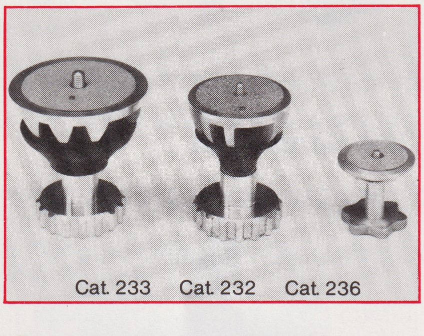
– for Junior, Senior F fluid heads



211 Spreader

– folds inside tripod

Weight	*2kg (4lb 6oz)*
Length folded	*405mm (16")*
Length extended	*635mm (25")*

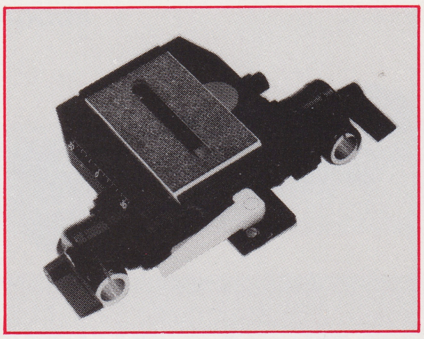


Claw-ball Levelling Units

236 *55mm (2¼") claw-ball level – to suit Cat. #101*

232 *75mm (3") claw-ball level – to suit Cat. #102, #103*

233 *100mm (4") claw-ball level – to suit Cat. #106, #107, #112, #113, #117, #118*

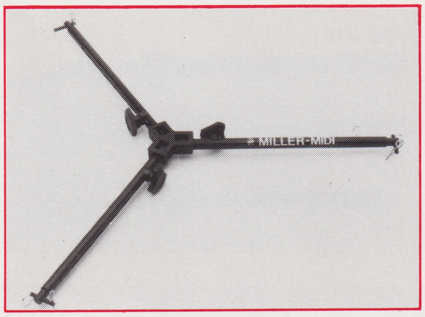


Quick Release/Sliding Camera Plate

223 *– for Miller 30/50 fluid heads*

251 *– for V.G. 50*

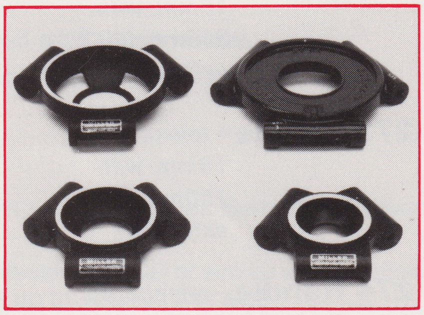
Weight	*1.1kg (2lb 3oz)*
Camera mounting	*¼"-20 and ⅜"-16*
Camera balancing	*140mm (5½") travel*
Handles	*Left and Right hand positions, vertically and horizontally adjustable*



234 Spreader

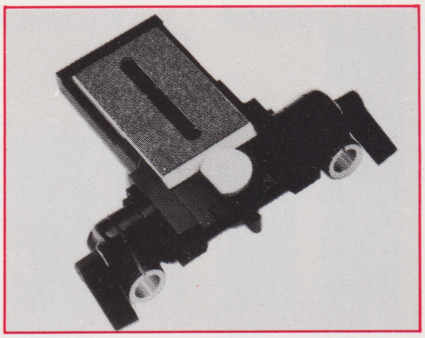
– above ground type, folds inside tripod

Weight	*.5kg (1lb 4oz)*
Length folded	*330mm (13")*
Length extended	*535mm (21")*



Bases

230 *75mm (3") tripod bowl*
231 *100mm (4") tripod bowl*
249 *150mm (6") tripod bowl*
238 *55mm (2¼") tripod bowl*
250 *Mitchell flat base*

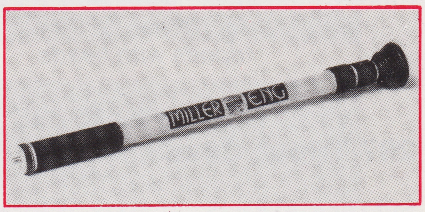


Quick Release Camera Plate

221 *– Miller 30/50 fluid heads*

252 *– for V.G. 50*

Weight	*.75kg (1lb 9 oz)*
Camera mounting	*¼"-20 and ⅜"-16*
Camera balancing	*75mm (3") travel*
Handles	*Left and Right hand positions, vertically and horizontally adjustable*

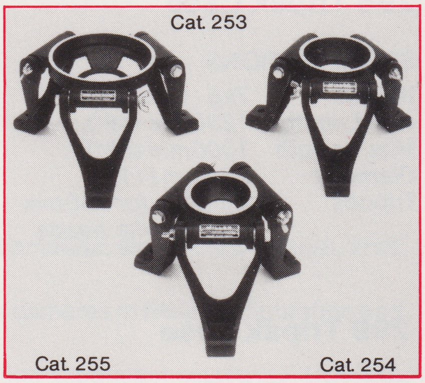


295 Monopod

– take the weight off your shoulders

Precision made, three stage monopod with swivel foot

Weight	*.6kg (1½lbs)*
Length folded	*600mm (24")*
Length extended	*1550mm (61")*



Hi Hats

254 *with 75mm (3") tripod bowl*
253 *with 100mm (4") tripod bowl*
255 *with 150mm (6") tripod bowl*
259 *with Mitchell flat base*

Accessories

Cat. 245
Cat. 297
Cat. 298
Cat. 299

245 Tripak Case

– octagonal, high-density polyethylene

SPECIFICATIONS

Weight	*5.4kg (12lbs)*
Min. Length	*1200mm (47")*
Max. Length	*1380mm (54")*
Diameter	*230mm (9")*
Tripods	*Suitable for all 75/100mm tripods with heads*

297 Tripak Case

SPECIFICATIONS

Weight	*4.5kg (10lbs)*
Min. Length	*790mm (31")*
Max. Length	*920mm (36")*
Diameter	*230mm (9")*
Tripods	*Suitable for mini tripods with heads*

298 Tripak Case

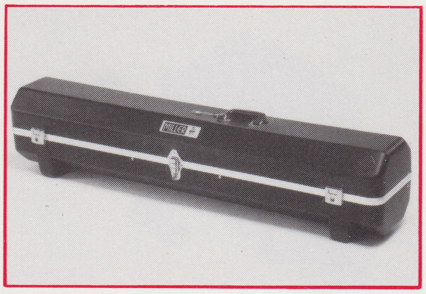
SPECIFICATIONS

Weight	*7kg (15½lbs)*
Min. Length	*1230mm (48")*
Max. Length	*1300mm (52")*
Diameter	*280mm (11")*
Tripods	*Suitable for 150mm tripods with heads*

299 Tripak Case

SPECIFICATIONS

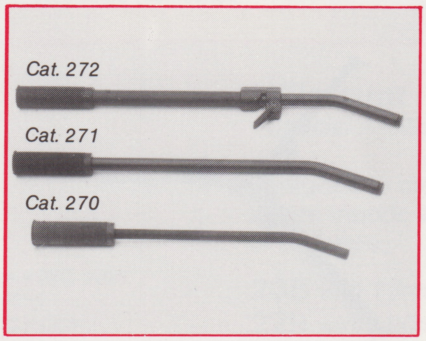
Weight	*4.5kg (10lbs)*
Min. Length	*690mm (27")*
Max. Length	*770mm (31")*
Diameter	*280mm (11")*
Tripods	*Suitable for mini 150mm tripods with heads*



243 Tripod Carry Case

SPECIFICATIONS

Weight	*4kg (10½lbs)*
Length	*1280mm (52")*
Diameter	*200mm (8")*
Tripods	*Suitable for all 75/100mm tripods with heads*



270 Handle *– 12mm for Junior*

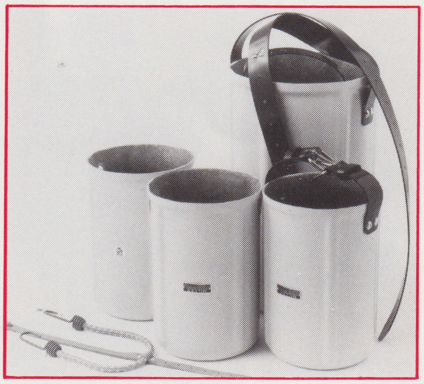
271 Handle *– 16mm, standard*

272 Handle *– telescopic, 16mm, with 300mm (12") extension*

273 Handle *– telescopic, 16mm, with 150mm (6") extension*

274 Handle *– telescopic, 18mm, with 300mm (12") extension*

275 Handle *– telescopic, 18mm, with 150mm (6") extension*



240 Boots – Fibreglass

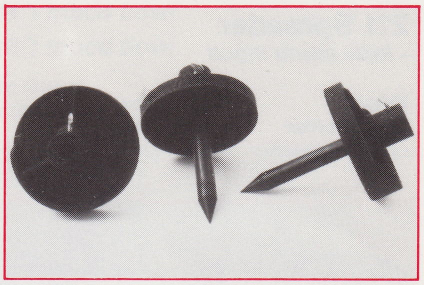
– suit Senior tripods with head

241 Boots – Fibreglass

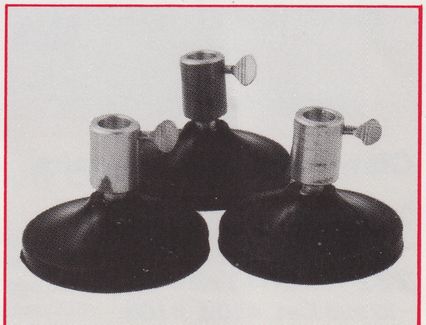
– suit Professional Series tripods with head

242 Boots – Fibreglass

– suit Midi, Maxi, E.N.G. and Compact tripods with heads



264 Sand Feet



235 Rubber Feet

Product and Application Guide

Fluid Heads	Tripods	Accessories	Applications
#101 Junior	#330/236 Senior #202 Senior	#367 Lightweight Dolly #211 Spreader	A
#102/103 Senior F #104 Miller 20[1]	#301/232 Compact #320/232 Professional Series	#367 Lightweight Dolly #234 Spreader[2] #217 Column Lift #238 Millmount #254 Hi Hat	B
#106/107 Light Professional #114/116 Miller 30[1]	#302/233 Compact #321/233 Professional Series	#365 Medium Duty Dolly #229 Millmount #234 Spreader[2] #217 Column Lift #253 Hi Hat	C
#112/113/117/118 V.G. 50 #115/119 Miller 50[1]	#302/233 Compact #321/233 Professional Series #310/233 E.N.G. #285/233 Midi	#365 Medium Duty Dolly #229 Millmount #234 Spreader[2] #253 Hi Hat	D
#150 Miller 80	#290 Maxi #292/362 Maxi	#365 Medium Duty Dolly #255 Hi Hat #259/362 Hi Hat	E

Notes:

1. **Cat. #232/233 ball levels not required with these heads.**
2. **Cat. #234 standard on Compact, Midi, E.N.G., Maxi tripods.**

****APPLICATION RECOMMENDATIONS**

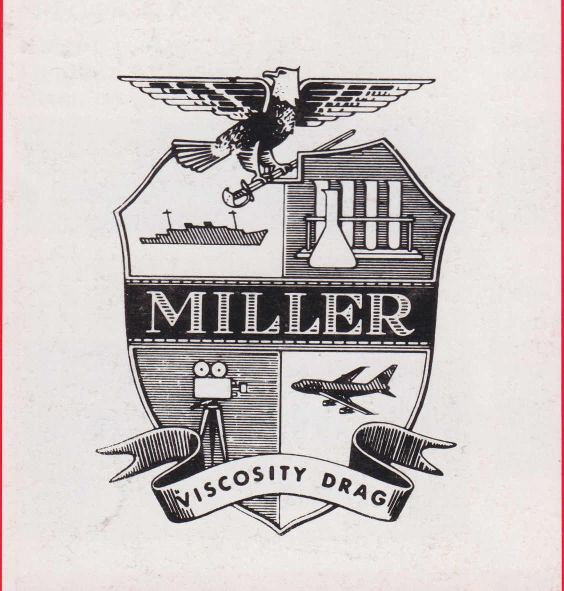
(A) For cameras up to 4.5kg (10lbs) including all accessories. Suitable for advanced amateur, single chip, video-8, VHS, Beta, etc. camcorder applications.

(B) For the latest generation industrial/professional CCD or similar weight television cameras in ENG configuration and lightweight 16mm motion picture cameras up to 120 roll film size.

(C) For three tube industrial/professional television cameras and latest generation broadcast quality CCD E.N.G. cameras, with or without camcorder. Also suitable for many 16mm film cameras, and large format (up to 4 x 5) still cameras.

(D) For all current three tube E.N.G. cameras with camcorders and batteries and most similar cameras equipped for E.F.P. with top mounted monitors, rear lens controls and zoom lens. Small E.F.P. cameras with compact prompting systems can also be accommodated by heads in this range, as well as many larger 16mm film cameras.

(E) For heavier E.F.P. field packages (top mount monitor, zoom lens, rear controls etc.), plus camera prompting system. Will also accommodate many 35mm motion picture cameras.



ALL MILLER PRODUCTS ARE FULLY GUARANTEED

Patents applicable held in following countries: Australia, U.S.A., Canada, U.K., India, France, Taiwan and Japan

Technical data and specifications subject to change without notice.

MILLER FLUID HEADS
30 Hotham Parade,
Artarmon 2064
Sydney, Australia
Phone: (02) 439-6377
Telex: 123655
Fax: (02) 438 2819

MILLER FLUID HEADS (USA) INC.
2819 W. Olive Ave,
Burbank, CA 91505
U.S.A.
Phone: (818) 841-6262
Telex: 283223
Fax: (818) 841 6416

MILLER TRIPODS CANADA
1055 Granville Street,
Vancouver BC V6Z IL4
Canada
Phone: (604) 685-5331
Fax: (604) 685-5648

April '88